COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) _ is attached hereto or \underline{X} was filed on September 18, 2000 as Application Serial No. $\underline{09/665,350}$ and was amended on _ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority C Yes		<u>No</u>	
Number	Country	Day/Month/	Year Filed			
I hereby claim the listed below:	e benefit under Title	e 35, United States Co	de, §119(e) of any	United States provision	nal applica	tions(s)
Application Ser.	No.	Filing Date				
insofar as the se application in the to disclose mater	ubject matter of ea manner provided by rial information as de	35, United States Code ach of the claims of the training of the state of the training of the first paragraph of efined in Title 37, Code and the national or PCT in the state of the state	his application is n Title 35, United Sta of Federal Regulati	ot disclosed in the pr tes Code, §112, I ackn ons, §1.56 which occu	ior United lowledge t urred betw	States he duty
Application Ser.	No.	Filing Date	Status:	Patented, Pending, A	bandoned	
Application Ser.	No.	Filing Date	Status:	Patented, Pending, A	bandoned	

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.



PATENT TRADEMARK OFFICE

Ginger R. Dreger, Esq. - Registration No: 33,055

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I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from his foreign patent agent as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

Full name of sole or first inventor	•			
Avi Ashkenazi				
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Residence 1456 Tarrytown Street, San Mateo, CA 94402				
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Full name of second joint inventor, if any

Tull Halle of The John Medical, in any	
Napoleone Ferrara	
Inventor's signature 2090 Pacific Avenue #704, San Francisco, CA 94109	Date
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Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of sixth joint inventor, if any	
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Inventor's signature 538 18 th Avenue, San Francisco, CA 94121	Date
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Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
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Full name of eleventh joint inventor, if any	
Audrey Goddard	
Inventor's signature 110 Congo Street, San Francisco, CA 94131	Date
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	. Date
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Full name of thirteenth joint inventor, if any

I. Christopher Grimaldi	
	Date
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Full name of fifthteenth joint inventor, if any	
Kenneth J. Hillan	
Inventor's signature 64 Seward Street, San Francisco, CA 94114	Date
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Citizenship	
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Full name of sixteenth joint inventor, if any	
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
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Citizenship	
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Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of nineteenth joint inventor, if any Nicholas F. Paoni Date Inventor's signature 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Date Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way

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Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
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Full name of twenty-third joint inventor, if any P. Mickey Williams	-
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
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Citizenship	
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Inventor's signature	Date
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Citizenship US	
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COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

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I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint invent (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the inventice entitled

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

the specification of which (check one) is attached hereto or \underline{X} was filed on September 18, 2000 as Application Ser. No. $\underline{09/665,350}$ and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including to claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordanwith Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) f patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor certificate have a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):		Priority Claimed	
		<u>Yes</u>	<u>No</u>
	•		

Number Country Day/Month/Year Filed

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional applications(listed below:

See Attached Appendix A (Listing 50 U.S. Provisional Patent Applications)

Application Ser. No. Filing Date

I hereby claim the benefit under Title 35, United States Code, §120 of any United States applications(s) listed belc and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United Stat application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the du to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

PCT/US99/21090	September 15, 1999	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US00/04414	February 22, 2000	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US99/21547	September 15, 1999	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US99/23089	October 5, 1999	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US99/28214	November 29, 1999	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US99/28313	November 30, 1999	Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned
PCT/US99/28564	December 2, 1999	Pending

Application Ser. No. PCT/US99/28565	Filing Date December 2, 1999	Status: Patented, Pending, Abandoned Pending
Application Ser. No. PCT/US99/30095	Filing Date December 16, 1999	Status: Patented, Pending, Abandoned Pending
Application Ser. No. PCT/US99/30999	Filing Date December 20, 1999	Status: Patented, Pending, Abandoned - Pending
Application Ser. No. PCT/US99/30911	Filing Date December 20, 1999	Status: Patented, Pending, Abandoned Pending
Application Ser. No. PCT/US00/00219	Filing Date January 5, 2000	Status: Patented, Pending, Abandoned Pending
Application Ser. No.	Filing Date	Status: Patented, Pending, Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecut this application and transact all business in the Patent and Trademark Office connected therewith.

Atulya R. Agarwal - Reg. No. 40,887 Walter E. Buting - Reg. No. 23,092 Elizabeth M. Barnes - Reg. 35,059 David A. Carpenter - Reg. No. 45,945 Deirdre L. Conley - Reg. No. 36,487 Steven X. Cui - Reg. No. 44,637 Janet E. Hasak - Reg. No. 28,616 Sean A. Johnston - Reg. No. 35,910 Dennis G. Kleid - Reg. No. 32,037 Jeffrey S. Kubinec - Reg. No. 36,575

Wendy M. Lee - Reg. No. 40,378 Richard B. Love - Reg. No. 34,659 Mark T. Kresnak - Reg. No. 42,767 Timothy R. Schwartz - Reg. No. 32,171 Craig G. Svoboda - Reg. No. 39,044 Lee K. Tan - Reg. No. 39,447 Ralph J. Gabric - Reg. No. 34,167 Paul E. Rauch, Ph.D - Reg. No. 38,591 K. Shannon Mrksich - Reg. No. 36,675

Send correspondence to the following address:

Attn: Paul E. Rauch, Ph.D.

Brinks, Hofer, Gilson & Lione NBC Tower - Suite 3600 455 Cityfront Plaza Drive Chicago, IL 60611-5599 Telephone: 312-321-4780

I hereby declare that all statements made herein of my own knowledge and belief are believed to be true; and further that these statements were make with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

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ull name of sole or first inventor	
vi Ashkenazi	
nventor's signature Avy Ashkensh	Date 10/17/00
Residence	,
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	Page 3
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Full name of second joint inventor, if any David Botstein Date Inventor's signature 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton Inventor's signature Date 75 Knight Drive, San Rafael, CA 94901 Residence บร Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of second joint inventor, if any **David Botstein** Inventor's signature Date 2539 Somerset Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of third joint inventor, if any Luc Desnoyers Inventor's signature 2050 Stockton Street, San Francisco, CA 94133 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of fourth joint inventor, if any Dan L. Eaton 10/17/00 Inventor's signature 75 Knight Drive, San Rafael, CA 94901 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of fifth joint inventor, if any	W.	
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Full name of fifth joint inventor, if any Napoleone Ferrara Inventor's signature Date 2090 Pacific Avenue #704, San Francisco, CA 94109 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixth joint inventor, if any Ellen Filvaroff Inventor's signature Date 538 18th Avenue, San Francisco, CA 94121 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventh joint inventor, if any Sherman Fong Inventor's signature 19 Basinside Way, Alameda, CA 94502 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

ull name of fifth joint inventor, if any	
lapoleone Ferrara	
nventor's signature	Date
2090 Pacific Avenue #704, San Francisco, CA 94109	
Residence	·
US	
Citizenship	
Post Office Address	
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Full name of sixth joint inventor, if any	
Ellen Filvaroff	
Inventor's signature	Date
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Full name of seventh joint inventor, if any Sherman Fong Tong	10/17/00
Sherman Fong	10/17/00
Inventor's signature 19 Basinside Way, Alameda, CA 94502	Date
Residence US	
Citizenship	
Post Office Address	
1 DNA Way	
South San Francisco, CA 94080	

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Full name of eighth joint inventor, if any	
Wei-Qiang Gao	(%)//00
Inventor's signature 641 Pilgrim Drive, Foster City, CA 94404 Pala, Alto, CA94366 Piles	Date
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Citizenship	
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Inventor's signature 1121 Tennessee Street #5, San Francisco, CA 94107	Date
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Full name of eighth joint inventor, if any Wei-Qiang Gao Inventor's signature Date 641 Pilgrim Drive, Foster City, CA 94404 Residence China Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of ninth joint inventor, if any Hanspeter Gerber Inventor's signature Date 1121 Tennessee Street #5, San Francisco, CA 94107 Residence Switzerland Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of tenth joint inventor, if any Mary E. Gerritsen Date Inventor's signature 541 Parrott Drive, San Mateo, CA 94402 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eleventh joint inventor, if any Audrey Goddard 10.22.00 Inventor's signature Date 110 Congo Street, San Francisco, CA 94131 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

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Full name of thirteenth joint inventor, if any	
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Full name of fourteenth joint inventor, if any	
Austin L. Gurney	
Inventor's signature 1 Debbie Lane, Belmont, CA 94002	Date ⁻
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Full name of twelfth joint inventor, if any	
Paul J. Godowski	
Inventor's signature 2627 Easton Drive, Burlingame, CA 94010	Date
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Citizenship	
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Full name of thirteenth joint inventor, if any	
Christopher J. Grimaldi	
Inventor's signature 1434 36 th Avenue, San Francisco, CA 94122	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of fourteenth joint inventor, if any	1 ^
Austin L. Gurney	10/18/2000
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Full name of fifthteenth joint inventor, if any

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Full name of sixteenth joint inventor, if any	·
Ivar J. Kljavin	
Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of seventeenth joint inventor, if any Jennie P. Mather	
Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030	Date
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Citizenship	
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Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin 10-18-00 Date Inventor's signature JK 10-18-00 3673 Crescent Drive, 94044 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventeenth joint inventor, if any Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence us Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence Canada Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

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Page 7 Full name of fifthteenth joint inventor, if any Kenneth J. Hillan Date Inventor's signature 64 Seward Street, San Francisco, CA 94114 Residence GB Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of sixteenth joint inventor, if any Ivar J. Kljavin Date Inventor's signature 3673 Crescent Drive, Lafayette, CA 94549 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of seventeenth joint inventor, if any Jennie P. Mather Date Inventor's signature 269 La Prenda Drive, Millbrae, CA 94030 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of eighteenth joint inventor, if any James Pan Date Inventor's signature 2705 Coronet Boulevard, Belmont, CA 94002 Residence

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Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	1.5/1.7/2.400
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Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
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South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	
Timothy A. Stewart	
Inventor's signature	Date
465 Douglass Street, San Francisco, CA 94114	·
Residence US	
Citizenship	
Post Office Address 1 DNA Way	
South San Francisco, CA 94080	·
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	
Post Office Address	
1 DNA Way South San Francisco, CA 94080	·

Full name of nineteenth joint inventor, if any	
Nicholas F. Paoni	
Inventor's signature 1756 Terrace Drive, Belmont, CA 94002	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	,
Full name of twentieth joint inventor, if any	
Margaret Ann Roy	10/19/2000
Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-first joint inventor, if any	·
Timothy A. Stewart	
Inventor's signature 465 Douglass Street, San Francisco, CA 94114	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	
Full name of twenty-second joint inventor, if any	
Daniel Tumas	
Inventor's signature 3 Rae Avenue, Orinda, CA 94563	Date
Residence US	
Citizenship	· · · · · · · · · · · · · · · · · · ·
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature Date 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any 10/18/00 Timothy A. Stewart Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature Date 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of nineteenth joint inventor, if any Nicholas F. Paoni Inventor's signature Date 1756 Terrace Drive, Belmont, CA 94002 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twentieth joint inventor, if any Margaret Ann Roy Inventor's signature 2960 Webster Street #4, San Francisco, CA 94123 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-first joint inventor, if any Timothy A. Stewart Date Inventor's signature 465 Douglass Street, San Francisco, CA 94114 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-second joint inventor, if any **Daniel Tumas** Inventor's signature 3 Rae Avenue, Orinda, CA 94563 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080

Full name of twenty-third joint inventor, if any	
P. Mickey Williams	1/20/10)
Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019	Date
Residence US	
Citizenship	
Post Office Address 1 DNA Way South San Francisco, CA 94080	,
Full name of twenty-fourth joint inventor, if any	
Inventor's signature	Date
William I. Wood	
Residence 35 Southdown Court, Hillsborough, CA 94010	
Citizenship US	
Post Office Address 1 DNA Way South San Francisco, CA 94080	

Full name of twenty-third joint inventor, if any P. Mickey Williams Date Inventor's signature 509 Alto Avenue, Half Moon Bay, CA 94019 Residence US Citizenship Post Office Address 1 DNA Way South San Francisco, CA 94080 Full name of twenty-fourth joint inventor, if any Inventor's signature William I. Wood Residence 35 Southdown Court, Hillsborough, CA 94010 Citizenship US Post Office Address 1 DNA Way South San Francisco, CA 94080

Appendix A

Provisional Application Serial Number	Filing Date -
60/059,115	September 17, 1997
60/059,184	September 17, 1997
60/059,122	September 17, 1997
60/059,117	September 17, 1997
60/059,113	September 17, 1997
60/059,121	September 17, 1997
60/059,119	September 17, 1997
60/059,263	September 18, 1997
60/059,266	September 18, 1997
60/062,125	October 15, 1997
60/062,287	October 17, 1997
60/062,285	October 17, 1997
60/063,486	October 21, 1997
60/062,816	October 24, 1997
60/062,814	October 24, 1997
60/063,127	October 24, 1997
60/063,120	October 24, 1997
60/063,121	October 24, 1997
60/063,045	October 24, 1997
60/063,128	October 24, 1997
60/063,329	October 27, 1997
60/063,327	October 27, 1997
60/063,549	October 28, 1997
60/063,541	October 28, 1997
60/063,550	October 28, 1997

60/063,542	October 28, 1997
60/063,544	October 28, 1997
60/063,564 ⁻	October 28, 1997
60/063,734	October 29, 1997
60/063,738	October 29, 1997
60/063,704	October 29, 1997
60/063,435	October 29, 1997
60/064,215	October 29, 1997
60/063,735	October 29, 1997
60/063,732	October 29, 1997
60/064,103	October 31, 1997
60/063,870	October 31, 1997
60/064,248	November 3, 1997
60/064,809	November 7, 1997
60/065,186	November 12, 1997
60/065,846	November 17, 1997
60/065,693	November 18, 1997
60/066,120	November 21, 1997
60/066,364	November 21, 1997
60/066,772	November 24, 1997
60/066,466	November 24, 1997
60/066,770	November 24, 1997
60/066,511	November 24, 1997
60/066,453	November 24, 1997
60/066,840	November 25, 1997

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

SEPTEMBER 18, 2001

PAUL E. RAUCH, PH.D. P.O. BOX 10395 CHICAGO, IL 60610

BRINKS HOFER GILSON & LIONE HOFER AGILSON & LIONE

101776882A

UNITED STATES PATERIFFID TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723 PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY. SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/09/2001

REEL/FRAME: 011964/0181

NUMBER OF PAGES: 27

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ASHKENAZI, AVI DOC DATE: 10/17/2000

ASSIGNOR:

BOTSTEIN, DAVID DOC DATE: 10/25/2000

ASSIGNOR:

DESNOYERS, LUC DOC DATE: 10/27/2000

ASSIGNOR:

EATON, DAN L. DOC DATE: 10/17/2000

ASSIGNOR:

FERRARA, NAPOLEONE DOC DATE: 10/17/2000

ASSIGNOR:

FILVAROFF, ELLEN DOC DATE: 10/20/2000

ASSIGNOR:

FONG, SHERMAN DOC DATE: 10/17/2000

011964/0181 PAGE 2

ASSIGNOR:

GAO, WEI-QIANG DOC DATE: 10/17/2000.

....

ASSIGNOR:

GERBER, HANSPETER DOC DATE: 10/17/2000

ASSIGNOR:

GERRITSEN, MARY E. DOC DATE: 10/17/2000

ASSIGNOR:

GODDARD, AUDREY DOC DATE: 10/22/2000

ASSIGNOR:

GODOWSKI, PAUL J. DOC DATE: 11/02/2000

ASSIGNOR:

GRIMALDI, CHRISTOPHER J. DOC DATE: 10/18/2000

ASSIGNOR:

GURNEY, AUSTIN L. DOC DATE: 10/18/2000

ASSIGNOR:

HILLAN, KENNETH J. DOC DATE: 11/04/2000

ASSIGNOR:

KLJAVIN, IVAR J. DOC DATE: 10/18/2000

ASSIGNOR:

MATHER, JENNIE P. DOC DATE: 10/25/2000

ASSIGNOR:

PAN, JAMES DOC DATE: 10/18/2000

ASSIGNOR:

PAONI, NICHOLAS F. DOC DATE: 10/17/2000

ASSIGNOR:

ROY MARGARET ANN DOC DATE: 10/19/2000

ASSIGNOR:

STEWART, TIMOTHY A. DOC DATE: 10/18/2000

ASSIGNOR:

TUMAS, DANIEL DOC DATE: 10/24/2000

ASSIGNOR:

WILLIAMS, P. MICKEY DOC DATE: 10/20/2000

ASSIGNOR:

WOOD, WILLIAM I. DOC DATE: 10/20/2000

011964/0181 PAGE 3

ASSIGNEE:

GENENTECH, INC.

1 DNA WAY

SOUTH SAN FRANCISCO, CALIFORNIA

94080-4990

SERIAL NUMBER: 09665350

PATENT NUMBER:

FILING DATE: 09/18/2000

ISSUE DATE:

TONYA LEE, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

De me		:		
OTRANSMITTAL LETTER		Case No. 10466-14/P1618P2C1		
Serial No. Filing Date September 18, 2000	Examiner To Be Assigned	Group Art Unit 1645		
Inventor Avi Ashkenazi et al.				
Title of Invention SECRETED AND TRANSMEMBRANE-POLYPEPTIDES	AND NUCLEIC ACIDS EN	CODING THE SAME		

TO THE COMMISSIONER FOR PATENTS

			TO THE COM	MISSIONER	Or	LWIENI	3			
fee) and	Transmitted herewith is <u>Transmittal Letter (in Duplicate)</u> ; <u>Check in amount of \$40.00 (Assignment recordal fee) and Assignment Recordal Sheet with executed Assignment and with postcard</u> .									
	Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.									
	A verified state	ement to es	stablish small enti	ty status unde	r 37	CFR §§	1.9 and 1.27	is end	closed.	
	Petition for a _	mon	th extension of tim	ne.						
	No additional t	fee is requi	red.							
	The fee has be	een calcula	ited as shown bel	ow:						
						Smai	l Entity		Other Small	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra		Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus				x \$9=			x \$18≂	
Indep.		Minus				x 39=			x \$78=	
First Presentation of Multiple Dep. Claim +\$130 + \$260=										
	Total \$ total \$ add'l fee add'l fee									
	Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ A duplicate copy of this sheet is enclosed.									
\boxtimes	A check in the amount of \$40.00 to cover the Recordation of Assignment filing fee is enclosed.									
\boxtimes	The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.									
\boxtimes	I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.									
	Respectfully submitted,									
				1	4	5)			

Paul E. Rauch, Ph.D. Registration No. 38,591 Attorney for Applicants

BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, ILLINOIS 60610 - (312) 321-4200

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to:

Commissioner for Patents, Washington, D.C. 20231, on July 5, 2001.

ه.		TRANSMITTAL LETTE	R	Case No. 10466-14/P1618P2C1
OPE	Cserial No. 08065,350	Filing Date September 18, 2000	Examiner To Be Assigned	Group Art Unit 1645
٥	Avi Adhkenazi et al.			
111 0	Title Invention SESPETED AND TR	RANSMEMBRANE POLYPEPTIDE	S AND NUCLEIC ACIDS E	NCODING THE SAME
PATENT B	TRAUER	TO THE COMMIS	SIONER FOR PATENTS	

Alter	·		TO THE COM	MISSIONER FO	OR PATENT	S			
Transmitted herewith is <u>Transmittal Letter (in Duplicate)</u> ; <u>Check in amount of \$40.00 (Assignment recordal fee)</u> and <u>Assignment Recordal Sheet with executed Assignment and with postcard.</u>									
	Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.								
	A verified state	ement to e	stablish small enti	ty status under	37 CFR §§ -	1.9 and 1.2	7 is enc	losed.	
	Petition for a _	mon	th extension of tim	ne.					
	No additional f	ee is requi	ired.						
	The fee has be	en calcula	ated as shown bei	ow:					
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	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'I Fee	or	Rate	Add'I Fee
Total		Minus			x \$9=			x \$18=	
indep.		Minus	<u> </u>		x 39=			x \$78=	
First Pr	esentation of Mu	ultiple Dep	. Claim		+\$130 =			+ \$260=	
					Total add'l fee	\$		total add'l fee	\$
Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$ A duplicate copy of this sheet is enclosed.									
A check in the amount of \$40.00 to cover the Recordation of Assignment filing fee is enclosed.									
The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.									
I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.									
				Respectfully	submitted,				
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			•		S			<u>. </u>	
				Paul E. Rau Registration					
POINIZ	S HOLED OIL S	ON 8 1 10N	NIE	Attorney for					
BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, ILLINOIS 60610 - (312) 321-4200									
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on July 5, 2001.									
Date: 7/5/61 Signature:									

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PATENTS ONLY	07-	16-2001	PATENTS ONLY
TO THE DIRECTOR OF THE UNI			TRADEMARK OFFICE
Please record the			ereof.
Name of Partyles conveying an interest:	101	776882	of Parties receiving an interest:
Avi Ashkenazi 🤝	9-01		
	. 0/201	Name:	GENENTECH, INC.
Luc Desnoyers		Internal Address: Street Address:	1 DNA Way
Dan L. Eaton		City:	South San Francisco,
Napoleone Ferrara		State/Zip:	California 94080-4990
Ellen Filvaroff Sherman Fong			
Wei-Qiang Gao		Additional name(s)	and addresses attached? ☐ Yes ☒ No
Hanspeter Gerber			☐ res ⊠ No
Mary E. Gerritsen		}	
Audrey Goddard			
Paul J. Godowski			
Additional names of conveying parties attached?	[N-		
<u>⊠</u> Y	es 🗌 No	L	
3. Description of the interest conveyed: ☐ Change	of Name		Other:
Assignment Change	Olivanie		3 (10)
Security Agreement Merger			
Execution Date: Oct. 17, 2000: Oct. 25, 2000; C	oct 27 2000	Oct 17 2000 Oct 1	7. 2000:
Oct. 20, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 17	, 2000; Oct.	17, 2000; Oct. 22, 20	00; Nov. 2, 2000
	10		
4. Application number(s) or patent number(s). Add	ditional shee	t attached? ∐ Yes ⊠	J No
If this document is being filed together with a ne	w application	n the execution date	of the application is:
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	Date		
A. Patent Application No.(s)		B. Patent No.(s)	
09/665,350			
Additional r	numbers atta	ched? ☐ Yes ⊠ No	
5. Name and address of party to whom correspon			ations and patents involved: 1
concerning document should be mailed:			·
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Statement and signature.			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true			
copy of the original document.			
· · · · ∠	/		1.5.0001
Paul E. Rauch, Ph.D, Reg. No. 38,591	<u> </u>	noturo	
Name of Person Signing		nature	nd document: 27

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PATENTS ONLY 07	-16-2001 PATENTS ONLY		
TO THE DIRECTOR OF THE UNI	TRADEMARK OFFICE		
Parties record the :	ereof.		
Name of Partyles conveying an interest: 1 O	1776882 of Parties receiving an interest:		
Avi Ashkenazi 7 – 9 – 0 David Botstein	Name: GENENTECH, INC.		
	Internal Address:		
Luc Desnoyers	Street Address: 1 DNA Way		
Dan L. Eaton	City: South San Francisco,		
Napoleone Ferrara	State/Zip: California 94080-4990		
Ellen Filvaroff	Gamerina e 1900 1000		
Sherman Fong	Additional name(s) and addresses attached?		
Wei-Qiang Gao	☐ Yes ⊠ No		
Hanspeter Gerber	5		
Mary E. Gerritsen			
Audrey Goddard			
Paul J. Godowski			
Paul J. Godowski			
Additional names of conveying parties attached?			
∑ Yes ☐ No			
Description of the interest conveyed:	·		
	Other:		
☐ Security Agreement ☐ Merger			
Execution Date: Oct. 17, 2000: Oct. 25, 2000; Oct. 27, 200	0; Oct. 17, 2000; Oct. 17, 2000;		
Oct. 20, 2000; Oct. 17, 2000; Oct. 17, 2000; Oct. 17, 2000; Oc	: 17, 2000; Oct. 22, 2000; Nov. 2, 2000		
Additional execution dates attached? 🛛 Yes 🔲 No			
4. Application number(s) or patent number(s). Additional she	et attached? ☐ Yes ⊠ No		
If this document is being filed together with a new application, the execution date of the application is:			
Da			
A. Patent Application No.(s)	B. Patent No.(s)		
09/665,350	B. 1 atch 140.(3)		
03/000,300			
Additional numbers at	ached? ☐ Yes ☒ No		
Name and address of party to whom correspondence	6. Number of applications and patents involved: 1		
concerning document should be mailed:	o. Ramber of applications and patents involved. 1		
BRINKS HOFER GILSON & LIONE	7. Total fee (37 CFR 3.41) \$ 40.00		
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(312)321-4200	23-1925		
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Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true			
copy of the original document.			
copy of the original document.			
David C Davish Dh D Davi No 20 504			
K Pallie Ralich Ph ii Red No (8 km)	luly 5, 2001		
Paul E. Rauch, Ph.D. Reg. No. 38,591	July 5, 2001 Date		
Name of Person Signing Si	July 5, 2001 gnature Date sheet, attachments, and document: 27		

PATENTS ONLY

TO THE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Please record the attached original document or copy thereof.

Patent Assignment Recordal Sheet, page 2 For US patent Application No. 09/665,350

Additional names of conveying parties:

Christopher J. Grimaldi
Austin L. Gurney
Kenneth J. Hillan
Ivar J. Kljavin
Jennie P. Mather
James Pan
Nicholas F. Paoni
Margaret Ann Roy
Timothy A. Stewart
Daniel Tumas
P. Mickey Williams
William I. Wood

Additional execution dates:

Oct. 18, 2000; Oct. 18, 2000; Nov. 4, 2000; Oct. 18, 2000; Oct. 25, 2000; Oct. 18, 2000; Oct. 17, 2000; Oct. 19, 2000; Oct. 18, 2000; Oct. 24, 2000; Oct. 20, 2000; Oct. 20, 2000

ASSIGNMENT

WHEREAS, Avi Ashkenazi, a citizen of US, residing at 1456 Tarrytown Street, San Mateo, CA 94402, and David Botstein, a citizen of US, residing at 2539 Somerset Drive, Belmont, CA 94002, and Luc Desnoyers, a citizen of Canada, residing at 2050 Stockton Street, San Francisco, CA 94133, and Dan L. Eaton, a citizen of US, residing at 75 Knight Drive, San Rafael, CA 94901, and Napoleone Ferrara, a citizen of US, residing at 2090 Pacific Avenue #704, San Francisco, CA 94109, and Ellen Filvaroff, a citizen of US, residing at 538 18th Avenue, San Francisco, CA 94121, and Sherman Fong, a citizen of US, residing at 19 Basinside Way, Alameda, CA 94502, and Wei-Qiang Gao, a citizen of China, residing at 641 Pilgrim Drive, Foster City, CA 94404, and Hanspeter Gerber, a citizen of Switzerland, residing at 1121 Tennessee Street #5, San Francisco, CA 94107, and Mary E. Gerritsen, a citizen of Canada, residing at 541 Parrott Drive, San Mateo, CA 94402, and Audrey Goddard, a citizen of Canada, residing at 110 Congo Street, San Francisco, CA 94131, and Paul J. Godowski, a citizen of US, residing at 2627 Easton Drive, Burlingame, CA 94010, and Christopher J. Grimaldi, a citizen of US, residing at 1434 36th Avenue, San Francisco, CA 94122, and Austin L. Gurney, a citizen of US, residing at 1 Debbie Lane, Belmont, CA 94002, and Kenneth J. Hillan, a citizen of Great Britain, residing at 64 Seward Street, San Francisco, CA 94114, and Ivar J. Kljavin, a citizen of US, residing at 3673 Crescent Drive, Lafayette, CA 94549, and Jennie P. Mather, a citizen of US, residing at 269 La Prenda Drive, Millbrae, CA 94030, and James Pan, a citizen of Canada, residing at 2705 Coronet Boulevard, Belmont, CA 94002, and Nicholas F. Paoni, a citizen of US, residing at 1756 Terrace Drive, Belmont, CA 94002, and Margaret Ann Roy, a citizen of US, residing at 2960 Webster Street#4, San Francisco, CA 94123, and Timothy A. Stewart, a citizen of US, residing at 465 Douglass Street, San Francisco, CA 94114, and Daniel Tumas, a citizen of US, residing at 3 Rae Avenue, Orinda, CA 94563, and P. Mickey Williams, a citizen of US, residing at 509 Alto Avenue, Half Moon Bay, CA 94019, and William I. Wood, a citizen of US, residing at 35 Southdown Court, Hillsborough, CA 94010 (hereinafter "ASSIGNORS"), have invented a new and useful invention in

Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same

for which an application Serial No. 09/665,350 (Docket No. P1618P2C1) for Letters Patent has been filed by them on September 18, 2000; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, California 94080-4990, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said ASSIGNORS have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor or any continuation, division, renewal, or substitute thereof, and as to Letters Patents any reissue or re-examination thereof, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

South San Francisco	Avi Ashkinen
Dated: 1= 17/e==	Avi Ashkenazi
South San Francisco	David Botstein
Dated:	·
South San Francisco	Luc Desnoyers
Dated:	200 200 1,000
South San Francisco	Dan L. Eaton
Dated:	Dail E. Editoii
South San Francisco	
Dated:	Napoleone Ferrara

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South San Francisco	Avi Ashkenazi
Dated:	() ATTAC
South San Francisco Dated: Out 1, wow	David Botstein
South San Francisco Dated:	Luc Desnoyers
South San Francisco Dated:	Dan L. Eaton
South San Francisco Dated:	Napoleone Ferrara

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South San Francisco	Avi Ashkenazi
Dated:	AVI ASIIKEIIdZI
South San Francisco Dated:	David Botstein
South San Francisco Dated: 10/27/2000	Luc Desnovers
South San Francisco Dated:	Dan L. Eaton
South San Francisco Dated:	Napoleone Ferrara

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

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Dated:	Avi Ashkenazi
South San Francisco	David Botstein
South San Francisco	Luc Desnoyers
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Dated: <u>W/17 (UU</u>	Dan L. Eaton
South San Francisco	Napoleone Ferrara

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_	Napoleone Ferrara
Dated: 10-17-00	·

South San Francisco Dated:	Ellen Filvaroff
South San Francisco Dated:	Sherman Fong
South San Francisco Dated:	Wei-Qiang Gao
South San Francisco Dated:	Hanspeter Gerber
South San Francisco Dated:	Mary E. Gerritsen
South San Francisco Dated:	Audrey Goddard
South San Francisco Dated:	Paul J. Godowski
South San Francisco Dated:	Christopher J. Grimaldi
South San Francisco Dated:	Austin L. Gurney
South San Francisco Dated:	Kenneth J. Hillan

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South San Francisco	James Pan
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South San Francisco	Nicholas F. Paoni
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South San Francisco Dated:	Margaret Ann Roy
South San Francisco Dated:	Timothy A. Stewart
South San Francisco Dated:	Daniel Tumas
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Dated:	P. Mickey Williams
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Dated:	William I. Wood

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